

NEW SUBCLASS AND SUPERORDINAL NAMES FOR EXTANT VASCULAR PLANTS

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ABSTRACT

One subclass and four superorders proposed by me in 1992 are validated here as the cited validating descriptions cited were not in Latin as required by Art. 36.1 of the *International Code of Botanical Nomenclature*. The new taxa are **Lamiidae**, **Eucommianae**, **Fabanae**, **Theanae**, and **Zingiberanae**.

KEY WORDS: Magnoliophyta, subclass, superorder, nomenclature

In an article published in 1992, I attempted to validate numerous subclass and superordinal names now in current use but failed to follow all of the provisions in the *International Code of Botanical Nomenclature* (Greuter *et al.* 1988). Although all of the validating descriptions (Art. 32.1[c]) cited were validly published (Art. 32.3), I did not realize that Art. 36.1 mandated that after 1 Jan 1935, a name of a new taxon (not defined in the *Code* except partially in Art. 72.1[a]) must be accompanied by a reference to a previously and effectively published Latin description or diagnosis. As a few of the validating descriptions I cited were in English or German, it is necessary to validate the names with a description in Latin. However, unlike the provisions relative to the valid publication of names at and below the rank of family (Art. 41), the Latin description for suprafamilial ranks can be taken from any rank as there are no provisions in the *Code* to the contrary. Accordingly, the following names are proposed again.

Lamiidae Takhtajan *ex* Reveal, *subclass. nov.* based on Labiatae A.L. de Jussieu, *Gen. Pl.* 110. 1789, *nom. cons.* - T.: *Lamium* Linnaeus (1753); *Lamiaceae* Lindley (1836).

Eucommianae Takhtajan *ex* Reveal, *superord. nov.* based on the original description of the type genus *Eucommia* Oliver in Hooker's *Icon. Pl.* 20: t. 1950. 1890.

Fabanae R. Dahlgren *ex* Reveal, *superord. nov.* based on Class Leguminosae Endlicher, *Gen. Pl.* xlvii, 1253. 1841. - T.: *Faba* P. Miller (1754); Fabaceae Lindley (1836).

Theanae Thorne *ex* Reveal, *superord. nov.* based on Class Lamprophyllae Bartling, *Ord. Nat. Pl.* 225, 333. 1830. - T.: *Thea* Linnaeus (1753); Theaceae D. Don (1825).

Zingiberanae Takhtajan *ex* Reveal, *superord. nov.* based on Class Scitamineae Bartling, *Ord. Nat. Pl.* 24, 59. 1830. - T.: *Zingiber* G.R. Boehmer, *nom. cons.* (1760); Zingiberidaceae Lindley (1835).

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